sPHENIX Executive Council Election

Junior Members

Rosi Reed
Lehigh University

Junior Definition

- Our bylaws define a junior as:
  - A graduate student
  - A person who is within 6 years of having graduated
- No restrictions regarding title

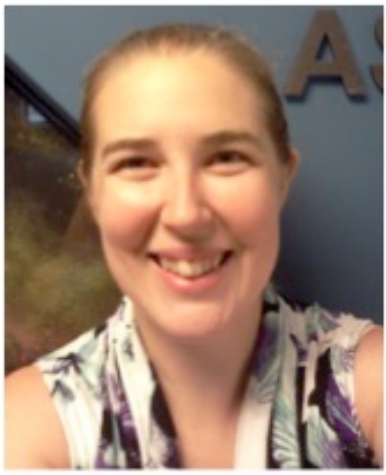
Executive Council Election

- The juniors elect 2 members of the EC, who must be juniors themselves
  - This does not forbid a junior person from serving as an EC member either via the IB election or via nomination
  - Each junior has her own vote
- Terms are for 2 years
  - To stagger elections this time we will have a 2 year and 1 year term
    - To be decided by the 2 junior EC members

Candidates

- We have four strong candidates running:
  - **Megan Connors**: Georgia State University and RBRC Fellow
  - **Sarah Campbell**: Columbia University
  - **Dennis Perepelitsa**: Brookhaven National Lab
  - **Darren McGlinchey**: University of Colorado, Boulder

Megan Connors Statement



I am honored to be nominated by my fellow juniors as a candidate for the sPHENIX Executive Council. I recently gave my first sPHENIX talk at WWND2016 and was excited to share with everyone how sPHENIX is starting to come to life. Since joining sPHENIX in August 2015, I have been working on the Hadronic Calorimeter. In particular, I have been working as the prototype manager on the prototype that we will be testing in April. In addition, I have rejoined PHENIX where I recently established a juniors group to foster the sense of community among early career scientists. Another goal of that group is to make it easier for new collaborators to quickly dive into analysis. I think establishing an open and welcoming environment and the ease for new collaborators to become involved is important for any collaboration and will be easier to obtain if we keep this in mind in the early stages of the collaboration.

Prior to my current position at Georgia State University and RBRC, I measured direct photon-hadron correlations in PHENIX which addresses the question of where the lost energy goes in the QGP. In ALICE, I have worked on jet-hadron correlations and measured fully reconstructed jets in p-Pb collisions and served as a convener of the correlations Physics Analysis Group. I am eager to be able to apply the knowledge I gained performing jet reconstruction at the LHC to RHIC energies with a state-of-the-art jet detector.

It is an exciting time to be working in sPHENIX as the collaboration and detectors start to come to life. I think it is important that juniors have a voice in the formation of the experiment and collaboration especially at this early stage. I embrace the opportunity to assume such a role in the collaboration as the juniors elected EC member.

Sarah Campbell Statement

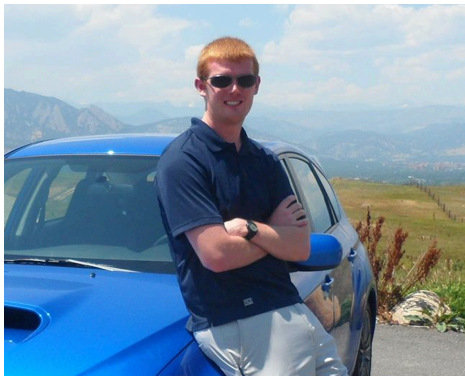
I am a post-doc at Columbia University and a member of the PHENIX Collaboration since 2004. I am working on a sPHENIX simulation analysis to distinguish the difference in capabilities between 1D and 2D projective SPACAL. I am interested in future direct photon+jet measurements with sPHENIX. In PHENIX I participated in multiple detector upgrades including the MPC-EX detector and the integration of the RPC triggers into the LL1 triggers for the forward W program. On the software side, I have developed multiple general analysis tools for PHENIX users including a mixed event generator (CabanaBoy) and a coordinated efficient analysis submission architecture (the Analysis Train, the precursor to the Analysis Taxi.) Prior to Columbia, I was a post-doc at Iowa State University (2011-2014) and I completed my PhD at Stony Brook University (2011) with a dielectron analysis.

My upgrade experiences, software skills and physics knowledge will be valuable assets as I represent you in this exciting growth period of sPHENIX. As an EC member I will ensure that the collaboration's priorities are communicated to juniors and relay juniors' priorities and concerns to the EC. I will also advocate for increased junior participation in leadership roles and increased student/post-doc visibility, in particular as presenters of sPHENIX talks at conferences. In 2006, I represented students and post-docs as a student/post-doc representative to the RHIC/AGS User's Executive Committee. I was rewarded for this service by being re-elected as student/post-doc representative to the UEC when I ran again in 2014. I take the role as representative seriously and would be honored to represent you on the sPHENIX Executive Council.

Dennis Perepelitsa Statement

For junior scientists, the sPHENIX project is a rare, potentially once-in-a-career opportunity to fundamentally affect the scientific trajectory of an entirely new experimental effort. It is also our future: many of us will apply for jobs and/or eventually make our tenure cases on the basis of contributions to sPHENIX. Thus, it is crucial for junior scientists to be involved at all levels of sPHENIX, from the fundamental detector and simulation work to having a voice within collaboration management. If elected to the sPHENIX Executive Committee, I will try to faithfully and broadly represent the interests of junior collaborators.

Darren McGlinchey Statement



First, I am honored to be considered for the junior position on the sPHENIX executive council. It has been amazing watching sPHENIX grow into this new and exciting collaboration that I'm happy to be a part of.

I have been an active PHENIX collaborator for the past 8 years, first as a graduate student at Florida State University, and now as a postdoctoral researcher at the University of Colorado Boulder. My physics interests lie mainly in heavy flavor measurements, starting with my thesis work on quarkonia measurements in d+Au collisions. Recently, I have worked on separating electrons from heavy flavor decays using the PHENIX VTX. For the last two years I have also acted as a co-convener of the PHENIX VTX topical group. I think sPHENIX has a key role to play in this area of physics with the capability to measure the Upsilon states and heavy flavor jets.

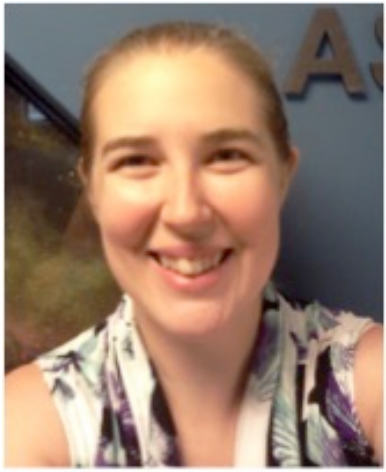
sPHENIX presents a rare opportunity to participate in the planning and development of a new detector and all the exciting physics that represents. But above that, it allows us to take what has been learned from all the collaborations and distill it down to make sPHENIX the most inclusive, welcoming, and productive collaboration it can be. I would be honored to help facilitate that as a member of the sPHENIX executive council, where I would focus on making sure that the needs of junior members, who are the future of our field, are heard. Thank you for your consideration.

Election Details

- The election will be held for for 1 week starting March 14th and ending at midnight EST March 21st
- Each junior has two votes of equal weight (candidates are not ranked)
- Juniors can vote by sending an email to:
  - rosijreed@lehigh.edu
    - Please put “sPHENIX Junior EC Election” as the subject
    - Please include your Institution and status (grad student, post-doc, etc)
  - I will verify that all who vote meet the definition of junior
- A big thank you to those who have sent me a list of their juniors!
  - It’s not too late, lists of the juniors by Institution will be useful!

Candidate Bios follow after this slide

Megan Connors Bio



I started my heavy ion career as a graduate student at Stony Brook University measuring direct photon-hadron correlation on PHENIX. During this time, I was a drift chamber expert and served as the student/post-doc representative on the RHIC/AGS UEC. After obtaining my PhD in 2011, I started as a post-doc at Yale University working on jets and correlations in ALICE. I served as the correlation Physics Analysis Group convener from 2013 to 2015. In August 2015 I rejoined PHENIX and joined sPHENIX as an assistant professor at Georgia State University and RBRC fellow. My main effort in sPHENIX so far has been on HCal simulations and prototype construction.

Sarah Campbell Bio

I am a post-doc at Columbia University and a member of the PHENIX Collaboration since 2004. Currently, I am working on a sPHENIX simulation analysis to distinguish the difference in capabilities between 1D and 2D projective SPACAL in addition to participation in the HCal and simulation meetings. I am interested in future direct photon+jet measurements with sPHENIX. In PHENIX I participated in multiple detector upgrades including simulation, test beam and installation work with the MPC-EX detector and the integration of the Resistive Plate Chamber triggers into the Local Level 1 triggers for the forward W program. I have been a Period Coordinator, managing both the shift crews and subsystem experts and assisting the Run Coordinator, during the 2013, 2014, 2015 and 2016 RHIC runs. On the software side, I have developed multiple general analysis tools for PHENIX users including a mixed event generator (CabanaBoy) and a coordinated efficient analysis submission architecture (the Analysis Train, the precursor to the Analysis Taxi.) Prior to Columbia, I was a post-doc at Iowa State University (2011-2014) and I completed my PhD at Stony Brook University (2011) with a dielectron analysis.

Dennis Perepelitsa Bio

I received my PhD from Columbia University in 2014, and have been a post-doc at BNL ever since. My graduate and early postdoctoral work has been on fully reconstructed jet probes of p/d+A collisions with PHENIX and ATLAS. Since then, I have become more interested in jet and photon probes of the QGP in A+A collisions. My previous involvement in sPHENIX includes early b-jet tagging and trigger simulations, statistical projections, and participation in the DOE Review of the science case.